

B. Crushed Granite - The Greystone Quarry in Vance County is currently producing crushed granite for riprap, roadstone, and railroad ballast. Greystone Quarry is one of the best known in the state and records indicate that it has been in operation since 1886. Since it is adjacent to the Seaboard Coastline Railroad, the quarry is able to serve an area much wider than most granite quarries.

C. Lightweight Aggregate - There is currently no production of lightweight aggregate in Vance County. Geologists are of the opinion that a source of lightweight aggregate may be found in Vance County due to the geological structure in certain areas of the county. Extensive drilling and sampling would be required to determine the existing location of lightweight aggregates and feasibility studies would have to be conducted to determine if commercial production would be profitable.

For specific information, consult the Geological Report of Vance County, North Carolina, published by the North Carolina Department of Water Resources.

#### Soils

The soil survey pamphlet defines soil as, "the collection of natural bodies occupying portions of the earth's surface that support plants and that have properties due to the integrated effects of climate and living matter, acting upon parent material, as conditioned by relief, over periods of time." This definition indicates that the principle differences in soil occur as a result